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(54) Title: ANTI-HPV-16 E7 ANTIBODY AND ITS USE

(57) Abstract: The present invention relates to an anti-HPV-16 E7 antibody obtainable by (a) eliciting an in vivo humoral response against highly purified HPV-16 E7 protein or a fragment thereof in a non-human vertebrate; and (b) affinity-purifying antibodies as obtained in the eliciting-step (a). Furthermore, the invention provides for the use of the anti-HPV-1 E7 antibody/antibodies for the preparation of a diagnostic composition of the (immuno-) histological detection of expressed HPV-16 E7 in a biological sample. Additionally, the invention relates to specific diagnostic compositions as well as to methods producing the same. The invention also provides for kits comprising (an) anti-HPV-16 E7 antibody(ies) of the invention or a diagnostic composition and discloses in vitro methods for the detection of a sexually transmittable disease or cancer, in particular cervical cancer, breast cancer, prostate cancer, anogenital cancer/neoplasia, penile cancer or head and neck cancer by using the described antibodies.